

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

Listing of Claims:

Claims 1-19 (Cancelled).

Claim 20 (Currently Amended): A method for securing scrambled data supplied to a plurality of receiver terminals, each of the terminals including a plurality of descrambling modules, each having a specific processing capacity and a specific level of security, the data being previously subdivided into M families, each comprising N blocks, the method comprising:

scrambling, at a transmission, each block of a family ~~is scrambled~~ by a key associated with the family, defined as a function of a specific processing capacity and a level of security of the respective deciphering modules; and

descrambling, ~~and~~ at a reception, each block of a family ~~is descrambled~~ by the key associated with the family.

Claim 21 (Previously Presented): The method as claimed in claim 20, wherein the descrambling modules are different peripheral elements associated with the receiver terminal.

Claim 22 (Previously Presented): The method as claimed in claim 21, wherein the descrambling modules comprise different algorithms.

Claim 23 (Previously Presented): The method as claimed in claim 21, wherein the descrambling modules comprise identical algorithms.

Claim 24 (Previously Presented): The method as claimed in claim 20, wherein the data to be distributed are in a form of a previously stored file.

Claim 25 (Previously Presented): The method as claimed in claim 20, wherein the data to be secured are in a form of a broadcast or downloaded stream and processed in real time by the terminal.

Claim 26 (Previously Presented): The method as claimed in claim 25, wherein a duration of use of the stream is divided into crypto periods, each corresponding to a descrambling key, and wherein prior to each start of the crypto period a message is inserted into the stream so as to warn the descrambling module of the change in crypto period.

Claim 27 (Previously Presented): The method as claimed in claim 26, wherein the message comprises all information necessary for descrambling the stream utilized during the following crypto period.

Claim 28 (Previously Presented): The method as claimed in claim 20, wherein the data represent audio and/or video programs protected by a DRM system.

Claim 29 (Previously Presented): The method as claimed in claim 20, wherein the data represent images synthesis or anime drawings.

Claim 30 (Currently Amended): A system for securing scrambled data supplied to at least one receiver terminal, comprising:

a scrambling platform ~~comprising~~ configured to:

~~means for subdividing~~ subdivide the data into M distinct families of N blocks;

~~means for assigning~~ assign each family a specific identification parameter associated with at least one descrambling module having a specific processing capacity and a specific level of security; and

~~means for scrambling~~ scramble each block by a key in biunivocal relation with the parameter; and

a descrambling platform ~~comprising means for identifying~~ configured to identify the family of each block so as to descramble each block of a family by the descrambling module corresponding to the parameter.

Claim 31 (Previously Presented): The system as claimed in claim 30, wherein the descrambling modules are distinct peripherals associated with the receiver terminal.

Claim 32 (Currently Amended): A scrambling platform for a stream of data, ~~comprising~~ configured to:

~~means for subdividing~~ subdivide the stream into M distinct families of N blocks;

~~means for assigning~~ assign each family a specific identification parameter associated with at least one descrambling module having a specific processing capacity and a specific level of security;

~~means for defining~~ define for each module a key as a function of the processing capacity and a degree of security; and

~~means for scrambling~~ scramble each block belonging to a family by a key in biunivocal relation with the parameter.

Claim 33 (Currently Amended): A descrambling platform for a stream of data scrambled by the scrambling platform of claim 32, comprising: configured to
means for identifying identify the family of each block so as to descramble each block of a family by the descrambling module corresponding to the parameter.

Claim 34 (Previously Presented): The descrambling platform as claimed in claim 33, comprising a plurality of distinct descrambling modules each identified by the specific identification parameter.

Claim 35 (Previously Presented): The descrambling platform as claimed in claim 34, wherein the receiver terminal is a PDA and one of the descrambling modules is integrated into the PDA, and at least a second descrambling module is a smart card of SIM type connected to the PDA.

Claim 36 (Previously Presented): Utilization of the process as claimed in claim 20 for securing a video-on-demand service (VOD).

Claim 37 (Previously Presented): Utilization of the process as claimed in claim 20 for securing a music-on-demand service (MOD).

Claim 38 (Previously Presented): Utilization of the process as claimed in claim 20 for securing access to a broadcast service for electronic books either online or downloaded from portable media.